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EXPRESS MAIL CERTIFICATE

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I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

Daisy Perez Daisy Perez  
Name (Print) Signature

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PATENT TRADEMARK OFFICE

Docket No.: 3795/OJ121

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Bruno BESSETTE; Redwan SALAMI; Roch LEFEBVRE

Serial No.: 09/830,332 (based on International Application PCT/CA99/00990, filed October 27, 1999)

Filed: April 25, 2001

For: HIGH FREQUENCY CONTENT RECOVERING METHOD AND DEVICE FOR OVER-SAMPLED SYNTHESIZED WIDEBAND SIGNAL

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of  
Patents and Trademarks  
Washington, DC 20231

Sir:

In order to comply with 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the documents listed thereon.

In accordance with MPEP Sections 609 and 707.05(b), it is requested

that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing Form PTO-1449 next to the document. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

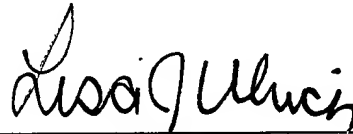
The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56, but the citation of such document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner, in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104(a) and 1.106(b) and, in the course of each search, will review for relevance every document cited on the attached form even if not initialed.

It is believed that no fee is due. However, if the Commissioner determines that a fee is due, the Commissioner is hereby authorized to charge the above deposit account for any deficiency.

Early and favorable consideration is earnestly solicited.

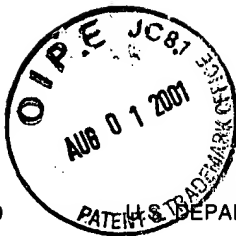
Respectfully submitted,

Dated: July 31, 2001

A handwritten signature in black ink, appearing to read "Lisa Ulrich", written over a horizontal line.

Lisa Ulrich  
Registration No. 45,168  
Attorney for Applicant(s)

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT &amp; TRADEMARK OFFICE

SHEET 1 OF 1  
(REV. 7-80)**LIST OF REFERENCES CITED BY APPLICANT**

(Use Several Sheets if Necessary)

DOCKET NO.: 3795/OJ121 SERIAL NO: 09/830,332  
APPLICANT: Bruno BESSETTE et al. FILING DATE: April 25, 2001

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**U.S. PATENT DOCUMENTS**

<u>*EXAMINER INITIALS</u>	<u>DOCUMENT NUMBER</u>	<u>DATE</u>	<u>NAME</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>FILING DATE</u>
	1. 5,455,888	10/03/95	Iyengar et al.	395	212	12/04/92

**FOREIGN PATENT DOCUMENTS**

<u>*EXAMINER INITIALS</u>	<u>DOCUMENT NUMBER</u>	<u>DATE</u>	<u>COUNTRY</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>TRANSLATION YES NO</u>
	2. EP0838804 A2	04/29/98	EP	G10L	3/02	X
	3. EP0545386 A2	06/09/93	EP	G10L	9/14	X

**OTHER REFERENCES****(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)**

\*EXAMINER  
INITIALS

4. Holger Carl and Ulrich Heute, "Bandwidth Enhancement of Narrow-Band Speech Signals," *Signal Processing VII: Theories and Applications*, Vol. II, pages 1178-1181

5. Yan Ming Cheng et al., "Statistical Recovery of Wideband Speech from Narrowband Speech," *IEEE Transactions on Speech and Audio Processing*, Vol. 2, No. 4, pages 544-548

EXAMINER: \_\_\_\_\_

DATE CONSIDERED: \_\_\_\_\_

\*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.